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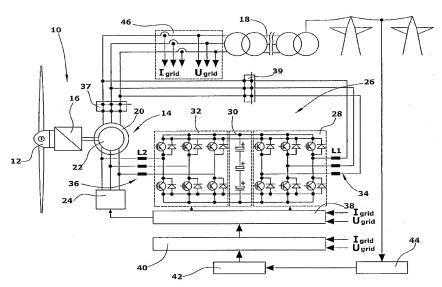
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(54) Title: METHOD FOR OPERATING A FREQUENCY CONVERTER OF A GENERATOR AND WIND ENERGY TURBINE HAVING A GENERATOR OPERATED ACCORDING TO THE METHOD



(57) Abstract: The method for operating a frequency converter (26) of a generator (14) in particular of a wind energy turbine (10), in the event of a substantial grid voltage drop, whereinthe frequency converter (26) comprises a generator-side power converter (32), to be connected to the generator (14), a grid-side power converter (28) to be connected to the voltage grid (18), and a DC link circuit (30) for connecting the generator-side power converter (32) to the grid-side power converter (28), comprises the step of generating the amount of reactive current to be supplied to the grid (18) by controlling the frequency converter (26).

